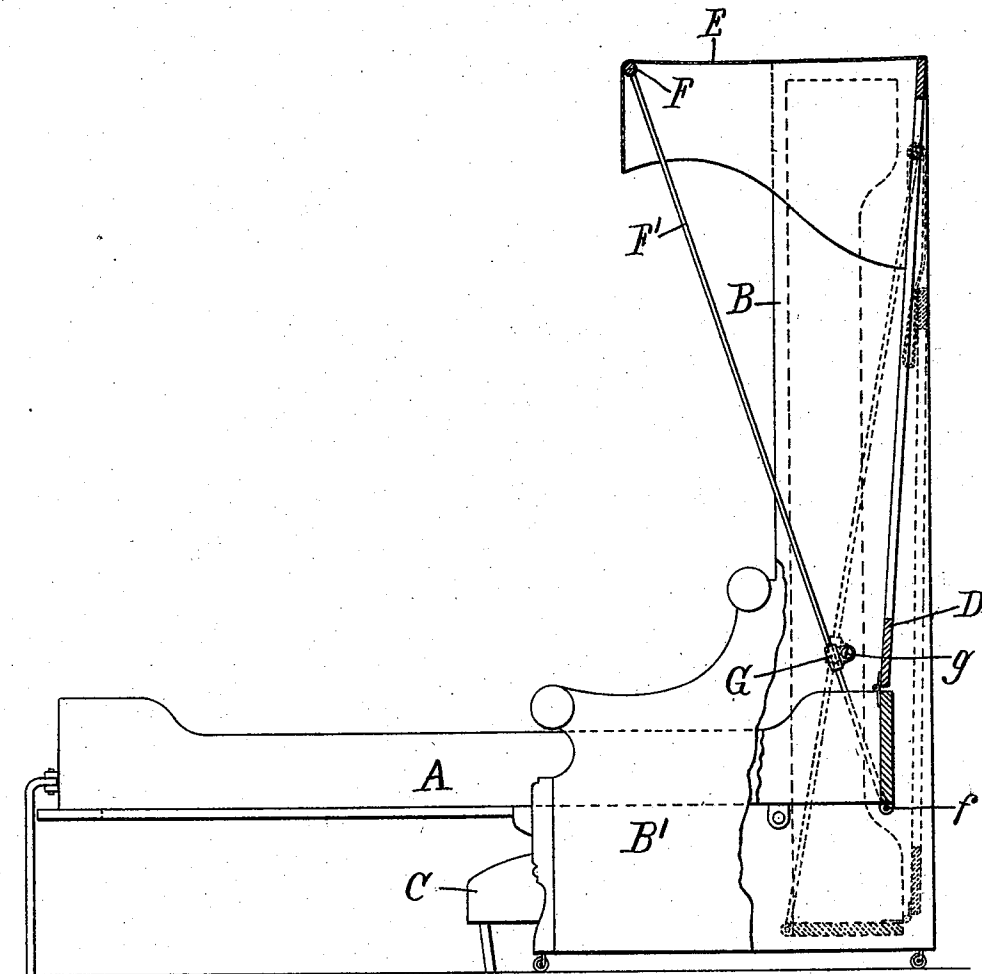


(No Model.)

K. L. HYLLER.
FOLDING BED.

No. 530,777.

Patented Dec. 11, 1894.



Witnesses.

E. T. Wray.
Jean Elliott.

Inventor.

Karl L. Hyller
by Burton and Burton
his attys.

UNITED STATES PATENT OFFICE.

KNUD L. HYLLER, OF CHICAGO, ILLINOIS.

FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 530,777, dated December 11, 1894.

Application filed February 9, 1894. Serial No. 499,618. (No model.)

To all whom it may concern:

Be it known that I, KNUD L. HYLLER, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Folding Beds, which are fully set forth in the following specification, reference being had to the accompanying drawings, forming a part thereof.

This invention relates to beds of the class in which the bed frame tilts from the horizontal position of use to a vertical position within an upright head frame, and it consists in the devices hereinafter shown and claimed for operating a canopy which finishes the top of the head frame and overhangs the head of the bed when the latter is folded down to horizontal position.

In the drawings,—Figure 1 is a sectional side elevation of a bed having my improvement in respect to the canopy, a portion of one side of the head-frame and head end of the bed frame being broken away to show the parts pertaining to my invention, said frames being cut in vertical section at a point midway in the width of the bed.

A represents the bed-frame; B, one of the sides of the upright head-frame; B', the arm of the other side, of which the remainder is broken away to disclose the side B and the operating mechanism pertaining to my invention.

C is the cushion seat, of which B' forms a side arm when the bed is folded upright, such seat being then located in front of the bed.

D is a head panel, which, at the upper end, slides up and down in the head frame, and at the lower end is hinged to the lower end of the bed frame, and which, when the bed is down, closes upon the rear opening in the head frame in a manner well understood, and constitutes an ornamental head-board; and when the bed is folded up is withdrawn and leaves the opening at the upper part of the head-frame for ventilation according to a method also familiar.

E is a canopy, which is secured to the rear edge to the upper edge of the sliding head-board D of the head-frame and at the forward part is secured to and droops from the cross-bar F of a bow frame of which one of

the side-bars F' is shown, the other being precisely similar and extending in a similar manner, parallel with the bar which appears, at the opposite side of the bed-frame, each passing through a sleeve G pivoted at *g* to the adjacent cheek of the upright frame, the lower end of the side-bar being pivoted to the bed-frame at *f*. The full lines in Fig. 1 show the position of this canopy and frame when the bed is horizontal. As the bed swings toward upright position, the lower end of the side-bars F' being drawn down and swung forward with the bed-frame to which they are pivoted, slide through the sleeves G which swing over their pivots *g*, until, when the bed is upright, the bar F occupies a position below the top at the rear of the head-frame, where the dotted lines representing the several parts show their new position. The canopy in this position hangs drooped from the bar F, and from the upper edge of the sliding head-board D, as shown in dotted lines, and is therefore entirely behind the bed which will be finished on the side which is forward when the bed is up and downward when the bed is down, so as to present a finished appearance corresponding suitably to the ornamental effect produced by the head-board and canopy when the bed is down. If the head-board of the upright frame had a fixed instead of a sliding panel, the construction in other respects would be identical with that shown, the canopy drooping from the top of the head-board and from the bar F in the same manner as it droops from the same parts when the former of them is depressed as in the construction shown.

I claim—

1. In combination with the upright head-frame and the bed frame pivoted thereto, a U-frame having side-arms F', pivotally connected at the lower ends to the bed-frame, at points which move forward as the bed swings up and provided with the sliding pivotal connection with the cheeks of the head-frame respectively, and connected by a cross-bar F at the top; the flexible canopy secured at the forward part to such cross-bar and at the rear edge to the head frame: substantially as set forth.

2. In combination with the upright head frame and the bed frame pivoted thereto, the

head-frame having a head-board sliding
therein at the upper end and operated by
connection with the bed frame at the lower
end; a U-frame having its side-arms pivoted
5 to the bed-frame at the lower ends at points
which move forward when the bed swings up
and having sliding pivotal connection with
the cheeks of the head-frame, respectively,
and connected by the cross-bar F at the top;
10 the flexible canopy attached at the forward
part to the cross-bar, and at the rear to the

sliding head-board of the head-frame: sub-
stantially as set forth.

In testimony whereof I have hereunto set
my hand, at Chicago, Illinois, this 6th day of 15
February, 1894, in the presence of two wit-
nesses.

KNUD L. HYLLER.

Witnesses:

CHAS. S. BURTON,
JEAN ELLIOTT.